

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE (ER 1130-2-316)						Page 1 of 1	
TO: Director, Volusia County Port Authority Daytona Beach, FL						August 2003	
FROM: USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida							
RIVER/HARBOR NAME AND STATE Ponce de Leon Inlet, Volusia Co., FL						MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD	
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Middle Half (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)			
Entrance Channel: from seaward entrance west to green Can Buoy-5	Jul-2003	200	0.5	15*	16.3	16.7	17.9
Entrance Channel through jetties: from green Can Buoy-5 to Buoy's 7 & 8	Jul-2003	200	0.8	12*	7.1* (1)	13.5*	15.4*
Inner Channel: from Buoy's 7 & 8 to a point 0.3 miles southwest to the intersection of the South Channel	Jul-2003	200	0.3	12	14.2	10.0 (2)	3.2 (2)
East-West Channel: from the intersection of the South Channel to a point due south of red Daybeacon-2 at the entrance to private channel to the north	Jul-2003	200	0.4	7	7.7 (2)	5.3 (2)	2.6 (2)
from a point 0.7 miles northwest of west end of East-West Channel to a point where the channel turns north, approximately 900 feet south of red Nun Buoy-4	Jul-2003	100	0.7	7	9.4	9.3	9.7
from a point approximately 900 feet south of red Nun Buoy-4, northerly to the intersection of the Intracoastal Waterway at green Can Buoy-3	Jul-2003	100	1.3	7	8.7	11.3	9.8
South Channel: from the intersection of the East-West Channel, south to opposite the USCG Station	Jul-2003	100	0.8	12	13.1	8.3 (2)	7.4 (2)
from opposite the USCG Station, south to the intersection of the Intracoastal Waterway	Jul-2003	100	0.4	12	14.3	15.1	14.1

Remarks:

* This portion of the report is based on the navigable water as marked by the U.S. Coast Guard. These are natural channels, located outside the Federal channel limits in most areas, which may provide adequate navigation through the inlet.

1. Shoaling along southern edge of channel, approximately 900 feet east of Buoy's 7 & 8.
2. Shallow water (less than 7 feet MLLW) exists in center of inner portion of Inlet.